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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

Basic Imagery Interpretation Report

PETROVKA NAVAL BASE AND SHIPYARD (SHIPYARD ACTIVITIES, DECEMBER 1976--APRIL 1978) (TSR)

STRATEGIC WEAPONS INDUSTRIAL FACILITIES
USSR
JULY 1978

Top Secret

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	INSTALLATION OR AC				:			COUNTRY
			Shipyard (Shipy	ard Activ	ities, Dece	mber 19	976April 1978	UR
	UTM COORDINATES NA MAP REFERENCE		COORDINATES N 132-20-17E	CATEGO	RY BE NO.		COMIREX NO.	NIETB NO.
		, Series 200,	Sheet 0291-6, sc	ale 1:200,	000			
	LATEST IMAGERY USE	D		NE	EGATION DATE ((If required)		
				N	JA			
				ABSTRA	CT			-
	USSR, from I obtained on 2. (TSR	December 19	ort describes signi or6 through Apr This report t activity include	il 1978. T updates N es the fitt	The earlies NPIC reporting-out of	st image rt D-I nu	ery in this tim dated clear-powered	e period was l May 1977. ballistic mis-
	tack submariates (SSGNs) and the completion the construction	nes (SSNs) Z attack su n of a repair ion of an er	the maintenand, and the overlower (SSs). hall, the identification of the control	haul/modi Facility of fication of	ification of changes du a second	of E-II aring th repair l	cruise missile is reporting per nall under cons	submarines riod included truction, and
	3. (TSR) reporting posi-	This report	contains four a patants and selectorder-of-battle re	cted auxil	iaries. Als	o inclu	ded is an upda	ted layout of
			BASIC	DESCR	RIPTION	•		
	Status/Activ	ity						
	complete by e the hall, prob	arly 1976 an ably on the	repair hall (Figu d was operation north set of rai during the trans	al by ils. The n	ew transv	when a erser, c	Y SSBN was j ompleted in O	placed inside
	supports on the of the upright. The removal of	s for constru of the section	of repair hall 1 action of repair as and the presenting the doors of	hall 2 sin nce of a s	oved, prob ce space b ecurity fen	oably to between ace arou	the two halls and the constru	emplacement was limited. ction area of
	it was almost double that of double trackas repair hall.	complete by the original ge was prob	l, the new transv ably necessary t	n though verser carr to accomm	the tracka iage is ab nodate the	age for le to tra e weigh	the transverser ansit between t t of an SSBN	he two. This entering the
	not be identif	ried as such	on of repair hall until July 1977 of uprights had Although this bu f fitting into the	when foo been emp uilding is	otings for placed. Th shorter th	uprigh ne dime nan repa	ts were observensions of this rair hall 1, it ca	ed. As of new building n-accommo-
	constructed be that an admin repair halls ar sets are 2 met sets on either 10 meters on e rails will provi the center set,	etween the nistration wing enot the sa ers apart. Reside of the ceither side of de a 6-mete, and there	north uprights on any also be a arme. Repair hall epair hall 2 has center set consist of the center rail r spacing. The is a 5-meter cle l probably be ab	of repair ladded to to to 1 has the a centerlist of 11 rais. However, mner rails tarance be	hall 2 and his hall. I ree four-ra- ne set of 1 ls each (F er, the dis of the twe- etween the	I the ad The rail ail sets rails wit igure 3) stance b o outer e outer	djacent steamli systems in from with 6-meter stands. These cover a between any ground rail sets are 2 nost rails and	nes indicate at of the two spacing. The cing, but the a distance of oup of seven meters from the building
Г	15 (F)			- 1 -				• •
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submarine. On through at least to be a new arrival at the inspection, since on submarine was at the sla	a Y SSBN was observed on the basis of the observed on the basis of the facility. This unit possibly went on the the basin was flooded, and	sin shelf where it remained rvations, this unit appeared shelf for preoverhaul/repair		25X1 25X1 25X1 25X1 25X1 25X1
ARD(T) at RP 2. Plating By the subsplatform was being built	had been removed in the area of the machinarine was out of the ARD(T), and by around the reactor area. This unit left the solaced by a Y SSBN which will be discussed transfer dollies were position	a partial work hipyard between later.	•	25X1 25X1 25X1 25X1 25X1
remained in overhaul duribasin shelf with scaffoldi moved. The screw propell basin inner gate, remain Between that had surrounded the srine into the basin (Figur period. 14. (TSR) A Y SSB	ng this reporting period. By ng around the forward one-third of the hers had been removed by we there through this submarine was moved into the resubmarine remained on the shelf and preclue 4). This unit has been in the hall for the N arrived at RP 4 by	this unit was on the ull and the sail planes revere positioned south of the were gone. epair hall. The scaffolding uded launching the submaremainder of the reporting was in the		25X1 25X1 25X1 25X1 25X1
haul. Between it had retu apparently stayed until but RP 4 was not ir shelf, and the Y SSBN pr probably moved to RP 11.	A Y SSBN was on the basin aged; however, on coverage, the eviously at RP 4 was gone, indicating that	was moved to RP 1, but by ad moved to RP 4 where it shelf (RP 11) on the Y SSBN was still on the the submarine at RP 4 had lelf had departed the base.		25X1 25X1 25X1 25X1 25X1
at the shipyard. A Y SSB	ss SSBNs were in various stages of overhau were completed. Each Y SSBN will be disculved with a light-toned sonar belt which had a remained at that position at least twith a dark-toned sonar belt was at RP 22 coated or a new arrival. Whichever the cas	rrived at RP 22 between hrough On This was either the same	· ·	25X1 25X1 25X1 25X1
and subsequent fitt the launch of D-I SSBN ARD(T)transporter dock	s launched by and left Komso	reporting period. Although by the movement of the launched between fitted-out Unit 7 was launched by and went on sea trials in		25X1 25X1 25X1 25X1 25X1 25X1 25X1 25X1
shop wing. The engineering shop wing is engineering section of the constructed north of the building to the base. Another	l defense area, designated area 1 (Figures 1. It contains a probable engineering building building is A basement shelter building, and an additional subsurface building. Heating lines are being installed area 2, is a indicate an association between the two.	mg with a light fabrication/ The light fabrication/ was constructed under the personnel shelter is being and which seem to tie this	•	25X1 25X1 25X1
sheds/warehouses adjacent four stories high and is	on continued on the administration-type to reporting position (RP) 23. The admi	ouilding and two attached nistration-type building is l/warehouse extensions are		25X1

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Table 1. Order-of-Battle at Petrovka Neval Base and Shipyard This table in its retirent is classified TOP SECRET RUFF 1977

													1977													
ting																										
۰.		I SSAG & YTB in ARDIT)	I SSAG & YTB in ARD(T) RSS POLUCHAT	I SSAG & YTB in ARD(T) YD	D-Lin ARD(T), RSB	YTB RSB	D-I SSBN ARD(T) W/ ATA & YT YD	D-I SSBN ATA BYT In ARDITI YD	D-I SSBN ATA & YT in ARDIT) YD	ARD(T)	ARDITI	ARDITI	ARD(T)	ARDITI	ARDITI	ARD(T) POLUCHAT YPT PO 2 YAG	ARD(T) YO 2 miss		D-I SSBN in ARD(T) YO POLUCHAT YPT ATA	POLUCHAT YPT	ARDITI	ARDITI POLUCHAT YPT				
	D-I SSBN Approx 15 Prob SS-N-8 Ballast cans	YSSEN	Y SSBN ZEYA YRSN	Y SSBN ZEYA YRSN	Y SSBN ZEYA YRSN	Y SSBN ZBYA YRSN	Y SSBN RSB ZEYA YRSN	Y SSBN RSB ZEYA YRSN	Y SSBN RISB Ballest cers	Y SSIIN RS8 ZEYA YRSN	Y SSBN RSB ZEYA YRSN	Y SSBN RSB ZEYA YRSN	Y SSBN RSB ZEYA YRSN	Y SSBN RSB	Y SSBN RSB	Y SSBN RSB YT	Post Y SSBN RSB	Y SSBN RSB	Y SSBN ZEYA YRSN RSB	Y SSBN ZEYA YRSN RSB	Y SSBN ZEYA YRSN RSB	YSSBN	Y SSBN in ARD(T) RSB	Y SSBN In ARDITI RSB	Y SSBN in ARDITI HSB	Y SS8A In ARD RS8, Z YRSN,
	YD AGBL	D-I SSBN ZEYA YRSN YD	YD ONEGA AGH	YD .	I SSAG YD	I SSAG 1 prob submersible in water YD	I SSAG +	I SSAG+	D-I SSBN ZEYA YRSN	2 D-1 SSBNs YD	D-I SSBN YD	2 D-I SSBN YD	AD D-I REBN	YP ZEYA YRSN	YF ZEYA YRSN	YR ZEYA YRSN	Pos ZEYA YR\$N	D-I SSBN YD (w/balbet carn)		YD	D-I SSBN YD	DHISSBN ZEYA YRSN HSB YO	ZEYA YRSN	2 D-I SSBNI ZEYA YRSN YD	D-I SSBN ZEYA YRSN YD Barge	D-I SSB YD
- ;	D-I SSBN in ARDITI	BARGE ATA AMGA AEM			I SSAG**	PAMIR ATR/AGI POLUCHAT YPT RSB I SSAG**	Z-V 58 I SSAG**	YF Z-V SS I SSAG**	YF Z-V SS I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG**	Poss Y SSBN	Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG
	VYN YRB PM-124 YRSN	VYN YRB	VYN YRB	VYN YRB	VYN YRB	VYN YRB	V-I SSN	V-I S5N	V-I SSN ZEYA YASN	V-I SSN	V-I SSN	V-I SSN	V-I SSN	V-I SSN	V-I SSN	V-I SSN	ec	V-I SSN	V-I SSN	V-I 88N	V-I SSN	V-I SSN	V-I SSN			YD
	N SSN	N SSN	N SSN	N SSN	N SSN	N SSN	N SSN	N SSN	N SSN VALA ADSR	N SSN	N SSN			N SSN	N SSN	N 88N	cc		ZEYA YRSN		N SSN	N 88N	N SSN	N SSN	N SSN	
_						RSB YD	VYN YRB		VYN YRB	Z-V 88	Z-V 55	Z-V 88	Z-V 88	Z V 58	Z-V 88	Z-V S\$	cc	z-v ss	z v ss	Z-V 58	Z-V SS	Z-V 88	Z-V 85	Z-V 88	Z-V 88	z-v s
- ,	Ucon	Ucon .	Uoon	Ucon	Ucon	Uson	Ucon	Ueon	Ueen	Uson	Ucon	Ucon	Uson	Ucon	Usan	Ucon	cc	Ucun	Ucon	Ucon	Ucon	Ucon		Upon	Ucun	Ucun
- :	Ucon Transversar at calason	Licon Transverser at calson	Ucon Transverser at calsson	Ucon Transverser at salvan	Ucon Transverser at calsson	Ucon Carriage in front of hall***	Uzon	Ucon	Ucon	Ucon	Ucon	Ucon	Uean	Ucon At RP 15	Uzon	Uesn	CC CC	Ucon	Uson	Ucon	Ucon	Uson		Uson	Ucon	Ucon
٠,	Y-SSBN on shorf, RSB, YD	Y-SSBN on shelf, RSB, YD	Y-SSBN on shelf	Y-SSBN on shelf	Y-SSBN on shelf	Scattolding on shalf	Mac										cc		Dolles		Dolles	Dollies		Dollies V-LSSN	V-I SSN on SHELF	
- '	mise in basin	ATA	RS8	RS8	ASB					Dismantie old Transverser	Dismentie old Transversor	Half gone	Half gorw	Gone			cc			Lined w/ basin	Lined w/ basin	Lined w/ besin				
	Z SS	z ss	z ss	z 55	zss	Z 55	Z 55	z ss	Z SS	Z SS	Z SS	Z 88	Z 58	z ss	Z SS	Z 55	oc	Z SS	Z 58	Z SS	zss	Z 55	Z 55	Z 55	z ss	Z 55
	E-II SSGN E-II SSGN	E-II SSGN E-II SSGN	E-II SSGN E-II SSGN	E-II SSGN E-II SSGN	E-II SSGN E-II SSGN	E-II SSGN E-II SSGN	EHSSGN	E-II SSGN	E-II SSGN	E-II SSGN	E-II SSGN	E-II SSGN	E-II SSGN	E-II SSGN E-II SSGN	E-II SSGN E-II SSGN	E-II SSGN E-II SSGN	OC OC	E-II SSGN E-II SSGN	E-II SSGN E-II SSGN	E-II SSGN E-II SSGN	E-II SSGN E-II SSGN	E-II SSGN E-II SSGN	E-II SSGN E-II SSGN	E-II SSON E-II SSON	E-II SSGN E-II SSGN	E-II:
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ď	PETYA-I FFL Bong tube) Pier sect	PETYA-I FFL Piersect	PETYAL PFL Persect	PETYA-I PPL Pier sect	PETYA-I FFL Pierance	PETYA-I FFL Pler sect	Par arct	Fier sect	Plar sect	Pier sect	Plan sect	Pier sect	Pier sect	Pier sect	Pincuret	Pler sect	ОС	Piersect	Pier sect	Pierstet	Piter stock	Pier sect	Pier sect	Pier sect	Pier sect	Pler
	RS8	ZEYA YRSN RSB	ZEYA YRSN RSB	RSB	RSB	PSB	RSB ZEYA YRSN	RSB ZEYA YRSN	RS8 YD	RSB YD	RSB YD	R\$8	R58	ASB YD	RSB YD	R58	00	MSB YD	RSB	nss	nsa	R\$8	YD RSS ZEYA YRSN	RSB ZEYA YRSN	PISB	RSB
	YYN YRS YTM	VYN YRB YD, YTM	VYN YRB YTB	VYN YRB	VYN YRB POLUCHAT YPT	VYN YRB	VYN YRB	VYN YRB YT, PO 2 YAG 2 misc	VYN YRB PRUT ASR YT, miss	VYN YRB PRUT ASR, YT PO 2 YAG, 2 YPL YT	VYN YRB PRUT ASR PO 2 YAG	VYN YRB PRUT ASR YD, YT	VYN YRB PRUT ASR YD, YT	VYN YRB PRUT ASR	YVN YRB PRUT ASR	VYN YRB PRUT ASR	ec	VYN YRB PRUT ASR	VYN YRB PRUT ASR	VVN VRB PRUT ASR 4 miss	VYN YRB PRUT ASR 4 miss	VYN YRB PRUT ASR 4 mise	VYN YRB Post PRUT ASR	VYN YRB PRUT ASR	VYN YRB PRUT ASR	PAL
	Z SSAG* Z-V SS	Z SSAG* Z-V SS POLUCHAT YPT	Z SSAG* Z-V SS	z ssag*	Z SSAG*	Z SSAG*	PETYA-I FFL POLUCHAT YPT	PETYA-LEFL POLUCHAT YPT	PETYA-I FFL POLUCHAT YPT	PETYA-LEFL POLUCHAT YPT	PETYA-I FFL POLUCHAT YPT	PETYALIFFL	PETYA-I FFL	PETYAL FFL POLUCHAT YPT	PETYA-I FFL POLUCHAT YPT	PETYA-LEFL	ec	PETYAL FFL	PETYA-IPFL YD	PETYAL FFL YO	PETYA-I FFL Misc	PETYA-I FFL Misc	cc	PETYA-I FFL RSB ATA POLUCHAT YPT	PETYA-I FFL Z 58AG*	PET Z 55
-				Z-V SS	z-v ss	Z-V SS	z ssag*	Z SSAG*	Z SSAG*	ZSSAG*	Z SSAG*	Z 88AG*	Z 88AG*	Z SSAG*	Z 88AG*	Z SSAG*	cc	Z SSAG*	Z 58AG*	Z SSAG*	Z SSAG*	Z SSAG*	cc	Z SSAG*		
	Y SSBN PM-124 YPSN ZEYA YRSN 3 RSBs V-1 SSN SS N-6 112 ballast cans in water)	Y SSBN V-I SSN 2 PM-124 YRSNs 3 RSBs 18 SS-N-8 ballest cars (12 - in water/ 4 on pler!	Y SSBN V-I SSN 2 RSB 2 PM-124 YRSNs	Y SSBN V-I SSN 2 PSBS 2 PM-124 YRSNS ZEYA YRSN	Y SSBN V-I SSN 2 RSBs 2 PM-124 YRSNs ZEYA YRSN	Y SSBN V-I SSN 2 RSBs 2 PM-124 YRSNs ZEYA YRSN	V-I SSN 6-II SSGN 3 RSB 2 PM-124 YRSNs	V-I SSN E-II SSGN 3 RSBs 2 PM-124 YRSNs	V-I SSN E-II SSGN 3 R5Bs 2 PW-124 YRSNs	V-I SSN E-II SSGN 3 RSBs 2 PM-124 YRSNs ZEYA YRSN	V-155N E-II 53GN 3 R58s 2 PM-124 YR5Ns ZEYA YRSN	V-I SSN E-II SSGN 3 RSBs 2 PW-I 24 YRSNs ZEYA YRSN	V-I 55N E-II 55GN 3 RSBs 2 PM-124 YRSNs ZEYA YRSN	V-155N E-H55GN 3 R5Bi 2 PM-124 YR5Ni ZEYA YRSN	V-1 SSN E-II SSGN 3 R88s 2 PW-124 YRSNs ZEYA YRSN	V-I SSN E-II SSGN 3 RISS 2 PM-124 YRSNs ZEYA YRSN	cc	V-I SSN E-II SSGN 3 RSBs PM 124 YRSN ZEYA YRSN	V-I SSN E-II SSGN 3 RS9s PR-124 YRSN	V-1 SSN E-II SSGN 3 R58s PW-124 YRSN	V-I SSN E-II SSGN 3 PISBs PM-124 YRSN	V-I SSN E-II SSGN 3 PSBs I PM-124 YRSN	cc	V-I SSN E-II SSGN +++ 2 R55a PM-124 YRSN 2 mise	V-I SŚN E-II SSGN 3 RSEs VALA ACGR ZEYA YRSN PIA 124 YRSN	V-I 3 Ri ZEY PM-
								2 misc	Barge			YF	YF	barge	Y D beree	Y/D barge	cc	Misc			YD 2 Mise	2 misc	YO 2 miss	YD 2 miss	YD 2 miss	2 m
		ATA Cable barge 2 barges	Cable barge 2 barges			D-I SSBN 2 RSBs Calable burge 2 berges	D-I SSBN 4 point mooring Cable berge 2 berges	D-I SSBN 4 point mooning 2 berges Cable burge	2 barges	2 barges	2 burges	2 barges	2 barges	2 barges	2 barges	2 barges Cuble barge	cc	ARD(T) (lowered) 2 barges Cable barge	2 barges Cubin barge	2 barges Cable barge D-I SSBN in ARD(T)+#	2 barges Cubin barge	2 barges Cable barge		2 barges Cable barge	2 barges Cobile berge	2 bs Cab
								2 spec purpose barges VYN YRB 16 SS-N-6 ballast cans YFL	2 SPBs YFL 16 SS-N-6 befled care			2 SPB 16 SS-N-6 belten care														

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						1977									1977	1978					1978						
			POLUCHAT YPT	2 miss Barge YTM ATA POLUCHAT YPT	Barge POLUCHAT YPT	Barge	Barge POLUCHAT YPT	Borge POLUCHAT YPT	ZEYA YRSN POLUCHAT YPT	POLUCHAT YPT 2 miss D-I SSBN	POLUCHAT YPT DI SSBN	ARDITI YD DI SSBN Miss	D4 SS8N YD	D-I SS8N	Misc T-43 AGH	D-I SSBN in ARD(T)	NC "	D-I SSBN in ARD(T) YD	, oc	D-I SSBN YD ACBL	O-I SSBN YD YTM	YTM YD Misc 0-1888N	YTM DH SSBN	YTM D-I SSBN Misc	D-I SSBN YD	на	0-1
is ARD(T)	Y SSBN In ARD(T) RSB ZEYA YRSN	Y SSBN In ARDITI RSB ZEYA YRSN	Y SSBN in ARD(T) ZEYA YRSN	Y SSBN in ARD(T) ZEYA YRSN	Y SSBN In ARDIT) ZEYA YRSN	Y SSBN is ARDITI ZEYA YRSN	Y SSEN In ARD(T) ZEYA YREN	Y SSBN in ARDITI ZEYA YRSN	Y SSBN in ARDITI	Y SSBN ZEYA YRSN	Y SSUN	Y SSBN ZEYA YRSN	Y SSBN ZEYA YRSN	Y SSBN YD	Y SSBN YD ZEYA YRSN	Y SSBN ZEYA YRBN	NC	Y SSBN ZEYA YASN	oc	Y SSBN ZEYA YRSN	Y SSBN ZEYA YASN	Y SSBN ZEYA YRSN	Y SSBN ZEYA YRSN	Y SSBN ZEYA YRSN PM-124 YRSN	Y SSBN ZEYA YRSN	на	ZI Yi
	D-I SSBN YD 4 hallest cars in water	D-I SSBN YD Barge	D-I SSBN YD Mise	2 D-I SSBNs YD	2 0-1 SSBNs YD	2 D-I SSBNs YD	2 D-I SSBNs YD	D-ISSBN YD	2 D4 SSBNs YD	D-I SSBN YD Barge YTM	Barge 2 YTs YD ZEYA YRSN	3 mise POLUCHAT YPT	Barge 2 misc	ZEYA YRSN YD Berge POLUCHAT YPT	Misc	T-43 AGN YD Barge	NC	T-43 AGH Barge 2 miso	oc .	T-43 AGH PM-124 YRSN 2 miss	T-43 AGH PM-124 YRSN Miss	T-43 AGH PIA-124 YASN Misc	T-43 AGH PM-124 YRSN Barge YD	T-43 AGH Barge Miso	T-43 AGH Barge	HA	3
Y SSBN I SSAG**	Mise Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSBN I SSAG**	Y SSSN I SSAG**	Y SSBN I SSAG**	Y 858N	Y SSBN	Y SSBN	Y SSBN	Y SSBN	Misc Y SSBN	Y SSBN	Y SSBN	NC		cc	ARDITI	ARDIT)	ARDIT!	ARD(T)	ARD(T)	ARDITI	на	,
			2 pier sees	2 pier sects	2 pler sects	2 pier sects	2 piers sects	3 pier sects	3 pier sects	3 plar sects	3 pier sects	3 pler sects	3 plar sects	PW-124 YRSN	PM-124 YRSN	PM 124 YRSN	: NC	: PM-124 YRSN	cc	PM-124 YRSN	PM-124 YRSN	PM-124 YRSN			PM-124 YRSN	на	
N SSN	N SSN	N SSN	N SSN	N SSN	N SSN	N SSN	N SSN				VYDRA LCU			N SSN	N SSN	N SSN	NC	N SSN Z-V SS	cc	N SSN Z-V SS	N SSN Z-V SS	N SSN Z-V SS	N SSN Z-V SS	N SSN	N SSN	HA	
z-v ss	Z-V 88	Z-V 88	Z-V 88	z-v ss	z-v ss	Z-v şs	Z-V Ss	Z-V SS ZEYA YRSN	Z-V SS ZEYA YRSN	Z-V 55 ZEYA YRSN	Z-V SS ZEYA YRSN	YD Z-V 58	Z-V 58	Z-V 58	Z-V SS	Z-V 88	NG	YD	cc	YD	YD	YD				на	
Ucon	Ucon	Ueon	Ucon	Uose	Uson	Ucon	Ucon	YFL 2 RSRs	2 R58s	YFL 2 RSBs	YFL 2 RS8s	YFL 2 R58s	2 FISBs	YFL 2 FISSs	YFL 2 RSBs	YFL 2 RSBs	NC	2 RBSs	oc	YFL 2 R58s	2 R\$8s	YFL 2 R58s	YFL 2 RSDs	2 RSBs	YFL 2 RSBs	на	
Ucon	Uson	Ucon	Ucon	Uson .	** Uson	Ucon	Ucon	Dollies	Dolles							Calisson		Calmon	Carriage in front of covered half	Carriage in front of covered hall						HA.	
			Dolties YD	Dollies YD	Dolles	Dollins (chg)	Dollin For sect	Dollies	Dollies		Dollies	Dollies	Y SSBN YD	Y SSBN Rasin Flooded	Dollies	Dollies	Y SSBN Basin Flooded	YSSBN	CC CC	YD YD	YD 2 misc	YD Dollies	Dollies 3 miss	Z-V SS Dollies	Z-V SS Dollies	на	
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	Z 88	Z 58	Z 88	Z 88	Z 58	Z SS E-II SSGN	Z SS E-II SSGN	Z SS E-II SSGN	Z SS E-II SSON	Z 88 E-II SSGN	E-III SSGN	F-II SSON	E-II SSGN	F.II SSON	E-II SSQN	E-II SSGN	E-H SSQN	E-II SSGN	cc cc	E-II SSGN	E-II SSGN	E-II SSGN	F.II SSON	F-II SSCW		на	
E-II SSGN	E-II SSGN E-II SSGN V-I SSN Plar sect	E-II SSGN E-II SSGN V-I SSN Pler sect	E-II SSGN E-II SSGN V-I SSN Pier sect	E-II SSGN E-II SSGN V-I SSN Pier sect	E-II SSGN E-II SSGN V-I SSN Plet sett	E-II SSGN V-I SSN Pier sect	E-II SOGN V-I SSN	E-II 88GN V-I 85N	E-II SSGN V-II SSN	E-II SSGN V-I SSN	E-II SSON V-I SSN	E-II SSGN V-I SSN	E-II SSGN V-I SSN	E-II SSGN V-I SSN	E-II SSGN V-I SSN	E-II SSQN V-I SSN	E-II SSGN V-I SSN	E-II SSGN V-I SSN	60 60 60	E-II SSGN V-I SSN	E-II SSGN V-I SSN	E-II SSGN V-I SSN	E-II SSGN E-II SSGN V-I SSN	E-II SSGN E-II SSGN V-I SSN	E-II SSGN E-II SSGN V-I SSN Pier sect	HA HA HA	1
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VYN YRB		VYN YRB	VYN YRB	VYN YRB	VYN YRB	VYN YRS	VYN YRB	VYN YRB	VYNYRB	VYN YRB	VYN YRB	ZEYA YRSN VYN YRB	ZEYA YRSN VYN YRB	ZEYA YRSN VYN YRB	VYN YRR	ZEYA YRSN RSB VYN YRB	ZEYA YRSN VYN YRB	VYN YRR	cc	YD VYN YRB	VYN YRB	ZEYA YASN VYN YAB	VYN YRB	Misc YD YYN YRB	YD VYN YRB	на	
	PRUT ASR	PRUT ASR	PRUT ASR YTM	PRUT ASR 2 YTs	PRUT ASR	PRUT ASR	PRUT ASR	PRUT ASR PM-124 YRSN PETYA-LEFL	PETYALFFL	PRUT ASR	PRUT ASR ATA 4 misc PETYA-I FFL	PRUT ASR	PRUT ASR	PRUT ASR YD Misc	PRUT ASR YO 2 miss PETYA-LEFL	PRUT ASR YD 2 mise PETYA-I FFL	PRUT ASR 2 misc	PRUT ASR 2 misc PETYA-I FFL		PETYA-I FFL	PRUT ASR YTM	PRUT ASR YTM	PRUT ASR	PRUT ASR	PRUT ASR		
Z SSAG*	Z SSAG*	PETYA-I FFL YD Z SSAG*	Z SSAG*	PETYAL FFL. Z SSAG*	Z SSAG*	Z SSAG*	YD Z SSAG*	Z SSAG*	Z SSAG*	Z SSAG*	Z SSAG* Z SSAG	Z SSAG* Z SSAG	Z SSAG* Z SSAG	Z SSAG* Z SSAG	Z SSAG* Z SSAG	Z SSAG* Z SSAG	Z SSAG* Z SSAG	Z SSAG* Z SSAG	cc	Z SSAG* Z SSAG	PETYA-I FFL Z 88AG** Z 88AG	Z SSAG* Z SSAG	PETYA-I FFL Z SSAG* Z SSAG YD	PETYA-I FFL Z SSAG* Z SSAG	PETYA-I FFL Z SSAG* Z SSAG	HA	
										POLUCHAT YPT		Miss	Miss	Mise		POLUCHAT YPT	Misc	ZEYA YASN		Mise	Misc	Misc	T POLUCHAT YPT			HA	
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YD 2 misc	2 miss	2 mlsc	YD Mise	Misc	Misc	YD Miso	Mac	2 miso	YO Misc	YD 2 miss	YD 2 miss	Miss	Misc						cc							на	
2 barges	2 barges Cobile barge	2 barges Cabile barge	2 barges Cobile berge	2 barges Cable barge	2 barges Cable barge	2-barges Cobie barge	2 barges Cable barge	2 barges Cable barge	2 barges Cable barge	2 barges Cable barge	2 burges Cable borge	2 berges Cable berge	2 borges Cable barge	2 burges Cable barge	D-I SSBN 2 barges Cable barge	2 barges Cable barge	2 barges Cable barge	2 barges Coble barge	cc	2 barges Cable barge	2 barges Cable barge	2 barges Cable barge	2 borges Cable barge		2 barges Cable barge	HA	
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MC - mer cosses

GC - Hold Eren tool

144 - haar

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Final Tool

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(Table continued on page 7)

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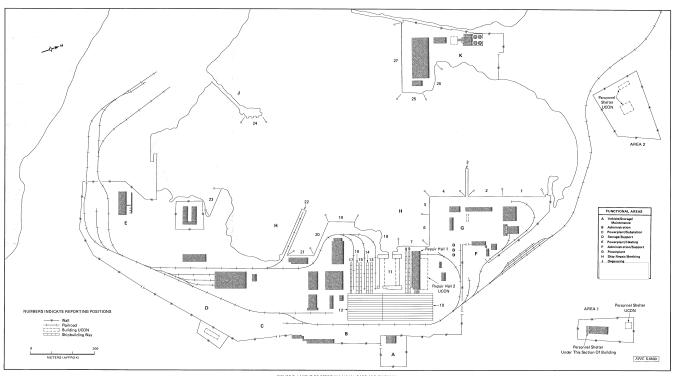


FIGURE 2. LAYOUT OF PETROVKA NAVAL BASE AND SHIPYARD

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Table 1. (Continued)
This table in its entirety is classified TOP SECRET RUFF
1978

ARD(T) Y SSBN PM-124 YRSN Y.SSBN Y.SSBN Y.SSBN PM-124.YRSN PM-124.YRSN PM-124.YRSN ZEYA.YRSN ZEYA.YRSN ZEYA.YRSN Y SSBN PM-124 YRSN ZEYA YRSN YD T-43 AGH ZEYA YRSN YD ARD(T) w/ D-I \$SBN ARD(T) ARD(T) ARD(T) ARD(T) ARD(T) w/ D-I SSBN PM-124 YRSN PM-124 YRSN ZEYA YRSN IDO N SSN N SSN IDO IDO YFL 2 RSBs YFL 2 RSBs 1DO Z-V SS Dollies IDO IDO Z-V SS E-II SSGN E-II SSGN V-I SSN Pier sect Z-V SS E-II SSGN E-II SSGN V-I SSN Pier sect IDO IDO IDO IDO E-II SSGN E-II SSGN V-I SSN Pier sect RSB IDO RSB RSB VYN YRB PRUT ASR IDO VYN YRB IDO PRUT ASR VYN YRB PRUT ASR PETYA-I FFL YD Z SSAG* Z SSAG PETYA-I FFL YD YD Z SSAG* Z SSAG* Z SSAG Z SSAG 2 RSBs 2 RSBs. Y SSBN Y SSBN ZEYA YRSN ZEYA YRSN 2 RSBs PM-124 YRSN 2 RSBs Y SSBN ZEYA YRSN 2 barges 2 barges 2 barges 2 barges Cable barge Cable barge Cable barge Cable barge

Key to 5 minute

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CC - ricked deserred

CD - land deserred

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16 (TSR) A Y SSBN which arrived at RP 3 by had moved to RP 2 by Between deck plating was removed and by heles	25
were in the reactor/machinery spaces. Between a work platform	25 25 25
surrounded the opening. This unit is probably in the yard for a major overhaul. 17. (TSR) Between a Y SSBN arrived at RP 1 Between	<u>.</u>
it either moved to RP 3 or left the yard. If this Y SSBN left the yard between	25 25 25
the one at RP 3 on was a new arrival. The exact events are impossible to determine.	25
18. (TSR) Although there was transverser carriage activity between early December 1977 and early January 1978 while the two Y SSBNs were on the shelf, it is unlikely that either unit went into or came out of the repair hall. Usually a unit is opened and decontaminated prior to major overhaul, which was not done with either of these units. Additionally, a unit usually goes into a covered repair facility if it is undergoing a major overhaul. The Y SSBN which went into the hall in May 1977 could not have completed an overhaul recore/refueling operation in that short a time frame.	
E-II-Class SSGN	
19. (TSR) Overhaul/modification work continued on E-II SSGNs. Three E-II SSGNs were on the repairways through the E-II which had been at RP 15 was moved to RP 22, probably for post-overhaul workup. This submarine remained at RP 22 through On an E-II SSGN was observed at the degaussing area (RP 24); although RP 22 was cloud covered, this was probably the same submarine. By the submarine was being repositioned at RP 22 and had temporary covers over the blast deflectors (Figure 5) which are possibly used during degaussing. This submarine left Petrovka between The E-II SSGN at RP 14 remained there throughout the reporting period. By the missile tubes were being retrofitted. The third E-II SSGN was moved from RP 16 to RP 15 between Its sail had been removed, and overhaul/modification work was underway.	25 25 25 25 25 25
V-Class SSN	
20. (TSR) Two V-I SSNs were present during the reporting period. The first one had arrived at RP 22 by The hull was opened in the area of the reactor and machinery spaces, and a work platform surrounded the opening. By the pressure hull appeared to have been closed, and the submarine left Petrovka between The second V-I SSN arrived at RP 5 by transfer dollies for this submarine were in position on the basin shelf, and by the submarine had been moved to the repairway at RP 16 where it remained during the rest of the reporting period. No major overhaul work was observed on this unit.	25 25 25 25 25
N-Class SSN	
21. (TSR) Although N SSNs were present at various times, no obvious external work was performed on any of these during this reporting period.	
I-Class SSAG	
22. (TSR) The I-class SSAG (auxiliary submarine), formerly 199D, was in the ARD(T) at RP 1 from through By this unit was at the fitting-out pier, RP 3, with one submersible alongside. By it had departed the shipyard. The training device associated with the I SSAG remained on the quay at RP 4 through The training device was subsequently seen at Vladivostok Submarine Base Ulisa Bay (BE	25 25 25 25 25
Z-Class SSAG	
23. (TSR) The modification of Z-class SS to SSAG continued. The first unit remained at Petrovka throughout the reporting period and is presently outboard of the other Z SSAG at RP 20. The second unit, on which modification started in December 1975, had its bulbous bow removed in 1976. The pieces from the bow have remained in the yard behind the repairways. Training tower modifications to this Z SS continued through it had been launched and has continued its post-modification workup inboard of the first Z SSAG at RP 20. A Z-V SS (converted fleet ballistic missile submarineSSB) arrived at Petrovka by the Z-V SS was being positioned in the basin, and by it was on the repairway at RP 13, where the two previous Z-class SSs had been modified. No modification work has begun on this unit.	25 25 2

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Other Activity		
24. (TSR) By an export Petya-I small frigate (FFL), previously on the repairway at RP 17, was moved to RP 20 where it has remained. The construction of pier		25X1
sections has continued at RP 17. Two pier sections were launched by and a		25X1
third pier section was launched by Between the three		25X1
sections were taken from Petrovka and were next seen at Vladivostok Shipyard Ulis		25X1
two rectangular support barges (RSBs) were put on the new open		25X1
repairway at RP 8. This was the first time this repairway had been used. These barges have		
been at this position through the remainder of the reporting period.	.3	
	7	
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Apr 78 (TOP SECRET		25X1
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REQUIREMENT		
COMIREX J01 Project 280059DJ		
(S) Comments and queries regarding this report are welcome. They may be directed to Soviet Strategic Forces Division, Imagery Exploitation Group, NPIC,		25X1 25X1

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